



AGGREGATE IMPACT VALUE
(IS: 2386 Part - 4)

Project	Improvements RCC Road and Drain in surrounding area in Ward No 5 Byatarayanapura Sub Division		
Client	BRUHAT BANGALORE MAHANAGARA PALIKE		
Consultant	M/s Tejus Consultants		
Contractor	Sri. Santhosh Kumar K R		
Proposed Use	WMM	Date of Sampling	29-06-2020
Sample Location	At plant	Date of Testing	29-06-2020

Sl. No.	Description		Test No.			Spec Limit (%)
			1	2	3	
1	Wt. of stone pieces (dry) passing IS Sieve 12.5mm but retained in IS sieve 10mm (gm)	(Wa)	364.00	358.00	382.00	
2	Wt. of the fraction retained in IS sieve 2.36mm after the impact test (gm)	(Wb)	272.00	270.00	290.00	
3	Wt. of the fraction passed in IS sieve 2.36mm after the impact test (gm)	(Wc)	92.00	88.00	92.00	
4	Aggregate Impact Value (%)	$(Wc/Wa) \times 100$	25.27	24.58	24.08	
5	Average Aggregate impact value	(%)	24.65			Max - 30 %

Remarks :

✓ Satisfactory / Not Satisfactory

Note:

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2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.



Authorised Signatory

Santhosh Kumar K R
Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore - 92

TEJUS CONSULTANTS

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FLAKINESS AND ELONGATION INDICES (IS 2386, PART 1)			
Project	Improvements RCC Road and Drain in surrounding area in Ward No 5 Byatarayanapura Sub Division		
Client	BRUHAT BANGALORE MAHANAGARA PALIKE		
Consultant	M/s Tejus Consultants		
Contractor	Sri. Santhosh Kumar K R		
Type of Material	WMM	Proposed Use	WMM
Sample Location	At plant	Date of Sampling	29-06-2020
		Date of Testing	29-06-2020

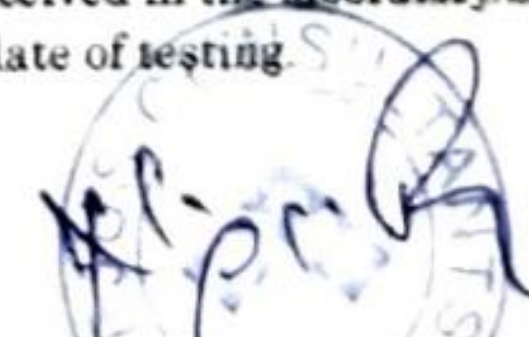
Size of aggregate		Flakiness Index		Elongation Index	
Passing through IS sieve, mm	Retained on IS sieve, mm	Total wt. of aggregate retained on sieves (A) gms.	Wt. of aggregate passing from Flakiness gauge (B) gms	Wt. of aggregate retained on Flakiness gauge (C) gms	Wt. of aggregate retained on Elongation gauge after retained on Flakiness gauge (D) gms
63.0	50.0	0	0	0	0
50.0	40.0	0	0	0	0
40.0	31.5	0	0	0	0
31.5	25.0	0	0	0	0
25.0	20.0	0	0	0	0
20.0	16.0	864	64	800	56
16.0	12.5	1186	116	1070	114
12.5	10.0	450	70	380	62
10.0	6.3	500	62	438	40
Total		3000	312	2688	272

Note: Minimum 200 Pcs should be taken on each fraction of test

	Flakiness Index(%)	10.40
	Elongation Index(%)	10.12
	Combined FI+EL (%)	20.52

Note:

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Authorized Signatory

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri. Santhosh Kumar K R
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	01-06-2020	29-06-2020	28 days	8.136	22500	475	21.11	21.17
2	01-06-2020	29-06-2020	28 days	8.134	22500	474	21.07	
3	01-06-2020	29-06-2020	28 days	8.144	22500	480	21.33	

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pl. verify & put up
R. Nanthu 28/7
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92



TEJUS

GRADATION FOR WMM
(As per MORT&H 400-11)

Name of Work	:	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division			
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE			
Consultant	:	M/s Tejus Consultants			
Contractor	:	Sri. Santhosh Kumar K R			
Date of Testing	:	30-06-2020			
Type of Mix	:	WMM			
Sample I/D	:	WMM 1			
Sample Location:	At plant	Date of Sampling:	29-06-2020		
Type of material & Purpose:	WMM	Date of testing:	30-06-2020		
		Oven Dry Wt.(gms):	10000.0		
IS Sieve size in mm	Weight retained (gm)	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	422	422	4.22	95.78	95-100
22.4	2546	2968	29.68	70.32	60-80
11.2	1792	4760	47.60	52.40	40-60
4.75	1484	6244	62.44	37.56	25-40
2.36	1380	7624	76.24	23.76	15-30
0.6	870	8494	84.94	15.06	8.0-22.0
0.075	836	9330	93.30	6.70	0-8
Pan	670				
Total	10000				

Note:

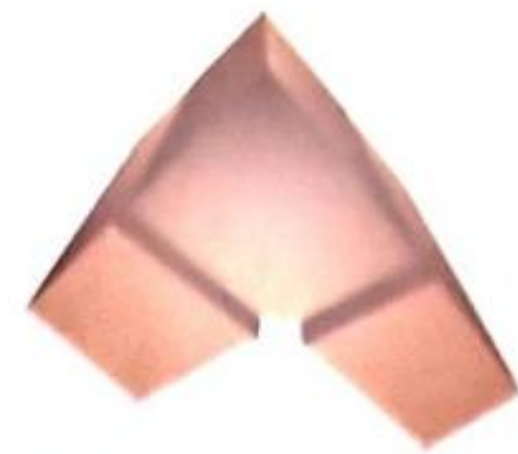
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TEJUS

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri. Santhosh Kumar K R
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	02-06-2020	30-06-2020	28days	8.136	22500	485	21.56	21.90
2	02-06-2020	30-06-2020	28days	8.144	22500	495	22.00	
3	02-06-2020	30-06-2020	28days	8.146	22500	498	22.13	

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Asst. Executive Engineer
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Yelahanka Zone
BBMP, Bangalore - 92

Field Dry Density test by Sand Replacement Method (As per IS 2720 (Part 28))

Project	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division		
Client	BRUHAT BANGALORE MAHANAGARA PALIKE		
Consultant	M/s Tejus Consultants		
Contractor	Sri.Santhosh Kumar K R		
Date of Testing	30-06-2020 to 01-07-2020		
Layer no. or level	WMM I layer		
Depth of hole	250mm		
@ Chainage	@ 50	@ 100	@ 150
Field density:	1	2	3
Wt. of wet material from hole (Ww) gms.	5965	5975	5985
Wt. of sand+cylinder before pouring (w1) gms.	15000	15000	15000
Wt. of sand+cylinder after pouring (w2) gms.	10598	10592	10588
Wt. of sand in hole+ cone (w3) gms.	4402	4408	4412
Wt. of cone gms.	1080	1080	1080
Wt. of sand gms.	3322	3328	3332
Bulk density of sand (γ_s)gm/cc	1.32	1.32	1.32
Bulk density of material(i.e. wt. of the wet material) (γ_b)=(Ww/w4*(γ_s))gm/cc	2.37	2.37	2.37
Moisture meter reading(moisture content)	6.40	6.40	6.40
Result			
FDD(Wt.of the dry material)=(100 γ_b /100+mc)gm/cc	2.23	2.23	2.23
MDD	2.27	2.27	2.27
OMC	6.10%	6.10%	6.10%
% of Compaction Obtained	98.13	98.12	98.17
Compaction Required	98%	98%	98%

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GRADATION FOR WMM
(As per MORT&H 400-11)

Name of Work	:	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Sri. Santhosh Kumar K R
Date of Testing	:	01-07-2020
Type of Mix	:	WMM
Sample I/D	:	WMM 1

Sample Location:	At plant	Date of Sampling:	30-06-2020
Type of material & Purpose:	WMM	Date of testing:	01-07-2020
		Oven Dry Wt.(gms):	10000.0

IS Sieve size in mm	Weight retained (gm)	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	404	404	4.04	95.96	95-100
22.4	2556	2960	29.60	70.40	60-80
11.2	1784	4744	47.44	52.56	40-60
4.75	1472	6216	62.16	37.84	25-40
2.36	1378	7594	75.94	24.06	15-30
0.6	882	8476	84.76	15.24	8.0-22.0
0.075	846	9322	93.22	6.78	0-8
Pan	678				
Total	10000				

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Asst. Engineer
Project Division
Yelahanka Zone
Bangalore - 92



TEJUS

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri. Santhosh Kumar K R
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	03-06-2020	01-07-2020	28days	8.134	22500	500	22.22	22.22
2	03-06-2020	01-07-2020	28days	8.144	22500	498	22.13	
3	03-06-2020	01-07-2020	28days	8.146	22500	502	22.31	

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Asst. Executive Engineer
Public Works Division
Yelahanka Zone
BEMP, Bangalore - 92



TEJUS

FLAKINESS AND ELONGATION INDICES (IS 2386, PART 1)

Project	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division		
Client	BRUHAT BANGALORE MAHANAGARA PALIKE		
Consultant	M/s Tejus Consultants		
Contractor	Sri. Santhosh Kumar K R		
Type of Material	WMM	Proposed Use	WMM
Sample Location	At plant	Date of Sampling	02-07-2020
		Date of Testing	02-07-2020

Size of aggregate		Flakiness Index		Elongation Index	
Passing through IS sieve, mm	Retained on IS sieve, mm	Total wt. of aggregate retained on sieves (A) gms.	Wt. of aggregate passing from Flakiness gauge (B) gms	Wt. of aggregate retained on Flakiness gauge (C) gms	Wt. of aggregate retained on Elongation gauge after retained on Flakiness gauge(D)gms
63.0	50.0	0	0	0	0
50.0	40.0	0	0	0	0
40.0	31.5	0	0	0	0
31.5	25.0	0	0	0	0
25.0	20.0	0	0	0	0
20.0	16.0	856	78	778	56
16.0	12.5	1202	112	1090	122
12.5	10.0	448	66	382	62
10.0	6.3	494	56	438	34
Total		3000	312	2688	274

Note: Minimum 200 Pcs should be taken on each fraction of test

	Flakiness Index(%):	10.40
	Elongation Index(%):	10.19
	Combined FI+EL (%)	20.59

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

GRADATION FOR WMM (As per MORT&H 400-11)

Name of Work	:	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division			
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE			
Consultant	:	M/s Tejus Consultants			
Contractor	:	Sri. Santhosh Kumar K R			
Date of Testing	:	18-05-1927			
Type of Mix	:	WMM			
Sample I/D	:	WMM 1			
Sample Location:		At plant	Date of Sampling:	01-07-2020	
Type of material & Purpose:		WMM	Date of testing:	02-07-2020	
			Oven Dry Wt.(gms):	10000.0	
IS Sieve size in mm	Weight retained (gm)	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	450	450	4.50	95.50	95-100
22.4	2560	3010	30.10	69.90	60-80
11.2	1798	4808	48.08	51.92	40-60
4.75	1490	6298	62.98	37.02	25-40
2.36	1390	7688	76.88	23.12	15-30
0.6	875	8563.3	85.63	14.37	8.0-22.0
0.075	836	9399.3	93.99	6.01	0-8
Pan	601				
Total	10000				

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Asst. Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92



TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri. Santhosh Kumar K R
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	04-06-2020	02-07-2020	28 days	8.134	22500	502	22.31	22.44
2	04-06-2020	02-07-2020	28 days	8.124	22500	503	22.36	
3	04-06-2020	02-07-2020	28 days	8.138	22500	510	22.67	

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Asst. Engineer
Public Works Division
Yelahanka Zone
BBMP, Bangalore - 92

GRADATION FOR WMM
(As per MORT&H 400-11)

Name of Work	:	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Sri. Santhosh Kumar K R
Date of Testing	:	03-07-2020
Type of Mix	:	WMM
Sample I/D	:	WMM 1

Sample Location:	At plant	Date of Sampling:	02-07-2020
Type of material & Purpose:	WMM	Date of testing:	03-07-2020
		Oven Dry Wt.(gms):	10000.0

IS Sieve size in mm	Weight retained (gm)	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	408	408	4.08	95.92	95-100
22.4	2559	2967	29.67	70.33	60-80
11.2	1790	4757	47.57	52.43	40-60
4.75	1500	6257	62.57	37.43	25-40
2.36	1400	7657	76.57	23.43	15-30
0.6	885	8542	85.42	14.58	8.0-22.0
0.075	846	9388	93.88	6.12	0-8
Pan	612				
Total	10000				

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

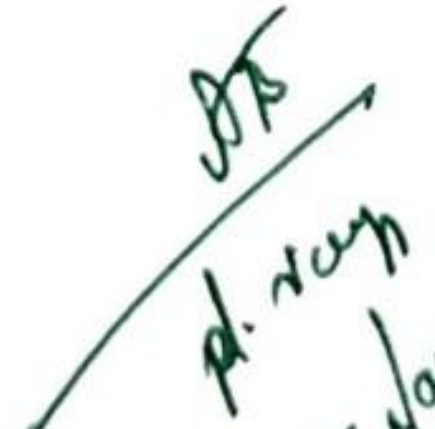
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Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri. Santhosh Kumar K R
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	05-06-2020	03-07-2020	28days	8.142	22500	510	22.67	22.47
2	05-06-2020	03-07-2020	28days	8.144	22500	502	22.31	
3	05-06-2020	03-07-2020	28days	8.148	22500	505	22.44	

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GRADATION FOR WMM
(As per MORT&H 400-11)

Name of Work	:	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Sri. Santhosh Kumar K R
Date of Testing	:	04-07-2020
Type of Mix	:	WMM
Sample I/D	:	WMM 1

Sample Location:	At plant	Date of Sampling:	03-07-2020
Type of material & Purpose:	WMM	Date of testing:	04-07-2020
		Oven Dry Wt.(gms):	10000.0

IS Sieve size in mm	Weight retained (gm)	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	418	418	4.18	95.82	95-100
22.4	2554	2972	29.72	70.28	60-80
11.2	1795	4767	47.67	52.33	40-60
4.75	1456	6223	62.23	37.77	25-40
2.36	1375	7598	75.98	24.02	15-30
0.6	880	8478	84.78	15.22	8.0-22.0
0.075	830	9308	93.08	6.92	0-8
Pan	692				
Total	10000				

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Project	Improvements RCC Road and Drain in surrounding area Road No.5 Byatarayanapura Sub Division		
Client	BRUHAT BANGALORE MAHANAGARA PALIKE		
Consultant	M/s Tejus Consultants		
Contractor	Sri.Santhosh Kumar K R		
Field Dry Density test by Sand Replacement Method (As per IS 2720 (Part 28))			
Date of Testing	03-07-2020 to 04-07-2020		
Layer no. or level	WMM I layer		
Depth of hole	250mm		
@ Chainage	@ 200	@ 250	@ 300
Field density:	1	2	3
Wt. of wet material from hole (Ww) gms.	5961	5968	5978
Wt. of sand+cylinder before pouring (w1) gms.	15000	15000	15000
Wt. of sand+cylinder after pouring (w2) gms.	10598	10592	10588
Wt. of sand in hole+ cone (w3) gms.	4402	4408	4412
Wt. of cone gms.	1080	1080	1080
Wt. of sand gms.	3322	3328	3332
Bulk density of sand (ys)gm/cc	1.32	1.32	1.32
Bulk density of material(i.e. wt. of the wet material) (yb)=(Ww/w4*(ys))gm/cc	2.37	2.37	2.37
Moisture meter reading(moisture content)	6.40	6.40	6.40
Result			
FDD(Wt.of the dry material)=(100yb/100+mc)gm/cc	2.23	2.22	2.23
MDD	2.27	2.27	2.27
OMC	6.10%	6.10%	6.10%
% of Compaction Obtained	98.07	98.01	98.05
Compaction Required	98%	98%	98%
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 Authorised Signatory			

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 26/7
 Asst. Executive Engineer
 Project Division
 Yelahanka Zone
 BBMP, Bangalore - 92



TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

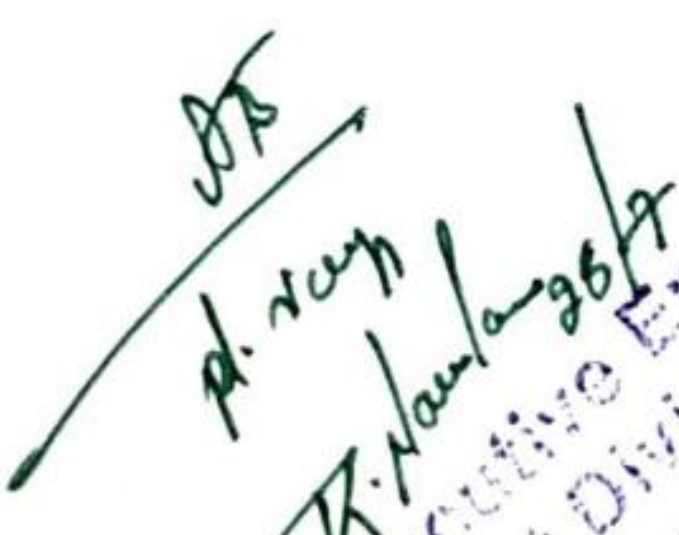
Project	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri. Santhosh Kumar K R
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	05-06-2020	03-07-2020	28days	8.142	22500	510	22.67	22.47
2	05-06-2020	03-07-2020	28days	8.144	22500	502	22.31	
3	05-06-2020	03-07-2020	28days	8.148	22500	505	22.44	

Note:

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2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.


Authorised Signatory


Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

GRADATION FOR WMM
(As per MORT&H 400-11)

Name of Work	:	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Sri. Santhosh Kumar K R
Date of Testing	:	04-07-2020
Type of Mix	:	WMM
Sample I/D	:	WMM 1

Sample Location:	At plant	Date of Sampling:	03-07-2020
Type of material & Purpose:	WMM	Date of testing:	04-07-2020
		Oven Dry Wt.(gms):	10000.0

IS Sieve size in mm	Weight retained (gm)	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	418	418	4.18	95.82	95-100
22.4	2554	2972	29.72	70.28	60-80
11.2	1795	4767	47.67	52.33	40-60
4.75	1456	6223	62.23	37.77	25-40
2.36	1375	7598	75.98	24.02	15-30
0.6	880	8478	84.78	15.22	8.0-22.0
0.075	830	9308	93.08	6.92	0-8
Pan	692				
Total	10000				

Note:

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28/7
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92



TEJUS
CONSULTANTS

GRADATION FOR WMM
(As per MORT&H 400-11)

Name of Work	:	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division			
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE			
Consultant	:	M/s Tejus Consultants			
Contractor	:	Sri. Santhosh Kumar K R			
Date of Testing	:	04-07-2020			
Type of Mix	:	WMM			
Sample I/D	:	WMM 1			
Sample Location:		At plant	Date of Sampling:	03-07-2020	
Type of material & Purpose:		WMM	Date of testing:	04-07-2020	
			Oven Dry Wt.(gms):	10000.0	
IS Sieve size in mm	Weight retained (gm)	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	418	418	4.18	95.82	95-100
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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Project	Improvements RCC Road and Drain in surrounding area Ward No 5 Byatarayanapura Sub Division		
Client	BRUHAT BANGALORE MAHANAGARA PALIKE		
Consultant	M/s Tejus Consultants		
Contractor	Sri.Santhosh Kumar K R		
Field Dry Density test by Sand Replacement Method (As per IS 2720 (Part 28))			
Date of Testing	03-07-2020 to 04-07-2020		
Layer no. or level	WMM I layer		
Depth of hole	250mm		
@ Chainage	@ 200	@ 250	@ 300
Field density:	1	2	3
Wt. of wet material from hole (Ww) gms.	5961	5968	5978
Wt. of sand+cylinder before pouring (w1) gms.	15000	15000	15000
Wt. of sand+cylinder after pouring (w2) gms.	10598	10592	10588
Wt. of sand in hole+ cone (w3) gms.	4402	4408	4412
Wt. of cone gms.	1080	1080	1080
Wt. of sand gms.	3322	3328	3332
Bulk density of sand (ys)gm/cc	1.32	1.32	1.32
Bulk density of material(i.e. wt. of the wet material) (yb)=(Ww/w4*(ys))gm/cc	2.37	2.37	2.37
Moisture meter reading(moisture content)	6.40	6.40	6.40
Result			
FDD(Wt.of the dry material)=(100yb/100+mc)gm/cc	2.23	2.22	2.23
MDD	2.27	2.27	2.27
OMC	6.10%	6.10%	6.10%
% of Compaction Obtained	98.07	98.01	98.05
Compaction Required	98%	98%	98%
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 Asst. Executive Engineer
 Project Division
 Yeildam Zone
 BBMP, Bangalore - 92

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Improvements RCC Road and Drain in surrounding area in Ward No.5 Byatarayanapura Sub Division
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri. Santhosh Kumar K R
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	06-06-2020	04-07-2020	28days	8.144	22500	510	22.67	22.47
2	06-06-2020	04-07-2020	28days	8.146	22500	505	22.44	
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